

ABSTRACT OF THE DISCLOSURE

A projector. The projector comprises a projection light source, a first digital micro-mirror device, and a second digital micro-mirror device. The projection light source emits a projection beam toward the first digital micro-mirror device. The first digital micro-mirror device reflects the projection beam to the second digital micro-mirror device. A first micro-mirror on the first digital micro-mirror device is rotated in a horizontal direction to adjust the horizontal position of the projection beam. The second digital micro-mirror device reflects the projection beam from the first digital micro-mirror device to a projection plate. Second micro-mirrors on the second digital micro-mirror device are rotated in a vertical direction to adjust the vertical position of the projection beam.